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Docket: 50126-8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SMITH, Rixford Group Art Unit: 3641
Serial No.: 10/710,803 Examiner: unknown
CIP of serial no. 10/270,735
For: GUN BARREL FOR LAUNCHING PROJECTILES

INFORMATION DISCLOSURE STATEMENT

- ☒ [XX]1 Pursuant to 37 CFR 1.97(b)
[within 3 months of filing or prior to 1st Office Action]
- ☐ []2 Certification Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
- ☐ []3 Fee Payment Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
- ☐ []4 Petition, Certification & Petition Fee Payment Pursuant to 37 CFR
1.97(d)
[before issue fee payment]

Honorable Commissioner of Patents and Trademarks,
Washington, D.C. 20231,
U.S.A.

Sir:

The following are submitted in the above-identified application in compliance
with 37 CFR 1.97 & 1.98

- ☒ [XX]5 A list of documents on form PTO-1449. As provided by 37 CFR
1.98(d), a copy of each identified document has been previously
submitted in the prior application referenced in the statement under 35
USC 120.

This paper is submitted in accordance with:

☒6 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]

☐7 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and

☐8 The required certification made in item 11 below; or

☐9 The \$200.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.

☐10 37 CFR §1.97(d): [before issue fee payment]; and

(a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$130.00) required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to: "Attention PETITIONS EXAMINER" and if applicable include batch locator information: e.g. "Allowed Files, Batch _____, Date of Allowance _____"); and

(b) The required Certification is stated in item 11 below.

☐11 Certification

☐12 Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or

☐13 No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.

[XX]14 Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 02-2057. An original and two (2) copies of this document are enclosed.

Respectfully submitted,



Susan L Rancourt
Reg. No. 56,016

Bennett Jones LLP
4500 Bankers Hall East
855 – 2nd Street SW
Calgary, Alberta T2P 4K7
(403-298-4466)

Date: Oct 29, 2004



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/710,803
		Filing Date	August 4, 2004
		First Named Inventor	SMITH, Rixford
		Art Unit	3641
		Examiner Name	Unknown
Sheet 1	of 3	Attorney Docket Number	50126-8

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-5,196,650	Mar-23-1993	Cytron	
		US-5,217,188	Jun-8-1993	Thole et al	
		US-6,340,498	Jan 22, 2002	Kirby et al	
		US-4,344,592	Aug-17-1982	Constantinescu	
		US-6,142,055	Nov-7-2000	Bogwarth et al	
		US-6,094,906	Aug-1-2000	Singer et al	
		US-5,792,981	Aug-11-1998	Singer et al	
		US-6,260,797	Jul-17-2001	Palmer	
		US-2,935,913	May-1960	WILSON JOHN L	
		US-930,927	Aug-1909	R. H. Berkstresser	
		US-2,845,741	Aug-1958	DAY HARRY I	
		US-475,071	May-1892	T. L. Willson	
		US-5,915,937	Jun-1999	Christensen, Roland	
		US-175,862	Apr-1876	C. A. King	
		US-4,685,236	Aug-1987	May, Sam	
		US-5,600,912	Feb-1997	Smith, David B.	
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0033770	Aug-1981	Janssen et al		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For the Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
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		Filing Date	August 4, 2004		
		First Named Inventor	SMITH, Rixford		
		Art Unit	3641		
		Examiner Name	Unknown		
Sheet	2	of	3	Attorney Docket Number	50126-8

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		www.astronautix.com , Martlet 4	
		Pennsylvania Machine Works: Materials Penn Machine, Materials (1 page)	
		High Performance Cement High Performance Cement for High Strength and Extreme Durability. Konstantin SOBOLEV	
		ABOUT metals Glossary by metalinfo.com	
		Space Guns, Space: Space Guns Vectors for May 1998, Greg Goebel	
		[3.0] Space Guns v1.0.0/3 of 6/01 maroz/gvgoebel@earthlink.net/publicdomain	
		Gun Launch for Orbital Vehicles, Dr Bruce P. Dunn Original Commentary posted in Sci.space newsgroups 1995, Revised 2001	
		Rocket History, Brief History of Rockets	
		How Satellites Work: Teacher Resource How Satellites Work	
		Basics of Space Flight Section III. Space Flight Operations Basics of Space Flight Chapter 14. Launch Phase	
		SciFWS article: What goes up stays up: Satellite basics for Sci-Fi writers. What goes up stays up: Satellite basics for Sci-Fi writers by Michael Jackman, April 22, 2001	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Sheet	3	of	3		

[illegible]

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